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1 [Open source initiatives for simulation software: next generation simulation environment source software and XML-based standard interfaces](#)
[Thomas Wiedemann](#)December 2002 **WSC '02**: Proceedings of the 34th conference on Winter simulation: experimental simulation**Publisher:** Winter Simulation ConferenceFull text available: [Pdf](#) (181.61 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 25, Downloads (Overall): 10

During the Winter Simulation Conference 2001 the OpenSML-project was presented and the project is based on the Simulation Modeling Language (SMLTM) and is a multi-language simulation development ...

2 [Developing principles of GUI programming using views](#)
[Judith Bishop, Nigel Horspool](#)March 2004 **SIGCSE '04**: Proceedings of the 35th SIGCSE technical symposium on Computer Science Education**Publisher:** ACM [Request Permissions](#)Full text available: [Pdf](#) (262.89 KB)Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 61, Downloads (Overall): 6

This paper proposes that GUI development is as important as other aspects of program development. A good understanding of control structures and object orientation. Far less attention has been paid to control structures for GUIs and certainly ...

Keywords: XML, event-based programming, graphical user interfaces, platform independent

Also published in:

March 2004 **SIGCSE Bulletin** Volume 36 Issue 1
3 [Why bison is becoming extinct](#)
[John Aycock](#)July 2001 **Crossroads**, Volume 7 Issue 5**Publisher:** ACM [Request Permissions](#)Full text available: [Publisher Site](#), [Pdf](#) (156.23 KB) Additional Information: [full citation](#), [abstract](#), [references](#), [bibliography](#)**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 48, Downloads (Overall): 9

At some point in your career, you're going to implement a computer language. You probably won't be implementing Java or C++. You may not even recognize it as a language. Truth be told, you'll be implementing domain-specific languages, or "little languages" ...

4 [Experience with integrating Java with new technologies: C#, XML and web services](#)
[Judith Bishop, R. Nigel Horspool, Basil Worrall](#)November 2002 **JGI '02**: Proceedings of the 2002 joint ACM-ISCOPE conference on Java**ADVANCED SEARCH** [Advanced Search](#)**FEEDBACK**

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Publisher: ACM

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Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 26, Downloads (Overall): 26

Java programmers cannot but be aware of Microsoft's new initiative - a complete language and a host of supporting technologies under the title of C# .NET. We highlight the advantages of our experiences connecting ...


Keywords: C# , GUIs, Java, platform integration

5 [A template-based approach to XML parsing in C++](#)

[John Dubchak](#)

June 2003 **Linux Journal** , Volume 2003 Issue 110

Publisher: Specialized Systems Consultants, Inc.


Full text available:  Html (13.51 KB)

Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 4, Downloads (12 Months): 17, Downloads (Overall): 26

Add XML support to your project with the Apache Software Foundation's Xerces parser

6 [Application of XML tools for enterprise-wide RBAC implementation tasks](#)

 [Ramaswamy Chandramouli](#)

July 2000 **RBAC '00:** Proceedings of the fifth ACM workshop on Role-based access control

Publisher: ACM  [Request Permissions](#)


Full text available:  Pdf (66.85 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 5, Downloads (12 Months): 42, Downloads (Overall): 56

The use of Extensible Markup Language (XML) and its associated APIs, for information interchange applications is being actively explored by the research community. In this paper, we describe a Document Type Definition (DTD) ...

7 [Code generation techniques for developing light-weight XML Web services for embedded devices](#)

 [Robert van Engelen](#)

March 2004 **SAC '04:** Proceedings of the 2004 ACM symposium on Applied computing

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (404.19 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 14, Downloads (12 Months): 93, Downloads (Overall): 100

This paper presents specialized code generation techniques and runtime optimization techniques for XML Web services for embedded devices. The optimizations are implemented in the gcc development environment for C and C++

Keywords: Web Services, XML, embedded systems, networking

8 [Implementation of automatic differentiation tools](#)

 [Christian H. Bischof](#), [Paul D. Hovland](#), [Bozana Norris](#)

January 2002 **PEPM '02:** Proceedings of the 2002 ACM SIGPLAN workshop on Partial evaluation and program manipulation

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (113.88 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 8, Downloads (12 Months): 75, Downloads (Overall): 46

Automatic differentiation is a semantic transformation that applies the rules of differentiation to a program to produce a new program that computes the derivative of the original program's output with respect to its input.


It thus transforms a computer program that computes a mathematical function into a function and its derivatives. ...

Keywords: Automatic Differentiation, Component Software, Semantic Transformation, representation, source transformation

Also published in:

March 2002 **SIGPLAN Notices** Volume 37 Issue 3

9 Flavor: a formal language for audio-visual object representation

 Alexandros Eleftheriadis, Danny Hong

October 2004 **MULTIMEDIA '04**: Proceedings of the 12th annual ACM international conference on Multimedia

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (91.97 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [related items](#)

Bibliometrics: Downloads (6 Weeks): 3, Downloads (12 Months): 24, Downloads (Overall): 19

We present Flavor, a formal language for audio-visual object representation, that has any coded multimedia data in formats such as GIF, JPEG and MPEG. The language code generating C++/Java code from the ...

Keywords: XFlavor, flavor, media representation

10 Supporting document and data views of source code

 Michael L. Collard, Jonathan L. Maletic, Andrian Marcus

November 2002 **DocEng '02**: Proceedings of the 2002 ACM symposium on Document engineering

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (162.30 KB)


Additional Information: [full citation](#), [abstract](#), [references](#), [related items](#)

Bibliometrics: Downloads (6 Weeks): 6, Downloads (12 Months): 46, Downloads (Overall): 76

The paper describes the use of an XML format to store and represent program source application, srcML (SouRCe Markup Language), is presented. srcML presumes a document where information about the syntactic structure ...

Keywords: XML, abstract syntax tree, markup language, program analysis, source code

11 Differences between versions of UML diagrams

 Dirk Ohst, Michael Welle, Udo Kelter

September 2003 **ESEC/ FSE-11**: Proceedings of the 9th European software engineering conference and the 11th ACM SIGSOFT international symposium on Foundations of software engineering

Publisher: ACM  [Request Permissions](#)

Full text available:  Pdf (202.32 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [related items](#)


Bibliometrics: Downloads (6 Weeks): 22, Downloads (12 Months): 158, Downloads (Overall): 158

This paper addresses the problem of how to detect and visualise differences between such as class or object diagrams. Our basic approach for showing the differences between a unified document which contains ...


Keywords: UML diagrams, configuration, design transaction, differences, fine-grained engineering environments, versions

Also published in:

September 2003 **SIGSOFT Software Engineering Notes** Volume 28 Issue 5


12 [Compiler support for efficient processing of XML datasets](#) [Xiaogang Li, Renato Ferreira, Gagan Agrawal](#)June 2003 **ICS '03**: Proceedings of the 17th annual international conference on Super**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (189.03 KB)Additional Information: [full citation](#), [abstract](#), [references](#), :**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 18, Downloads (Overall): 17

Declarative, high-level, and/or application-class specific languages are often successful in database development. In this paper, we report our experiences in compiling a recently developed XQuery for applications that process ...

Keywords: XML, XQuery, data intensive computing, restructuring compilers**13** [On effective multi-dimensional indexing for strings](#) [H. V. Jagadish, Nick Koudas, Divesh Srivastava](#)June 2000 **SIGMOD '00**: Proceedings of the 2000 ACM SIGMOD international conference on Management of data**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (1.15 MB)Additional Information: [full citation](#), [abstract](#), [references](#), :**Bibliometrics:** Downloads (6 Weeks): 12, Downloads (12 Months): 62, Downloads (Overall): 667

As databases have expanded in scope from storing purely business data to include XML catalogs, e-mail messages, and directory data, it has become increasingly important to support wild-card string matching: prefix ...

Also published in:


June 2000 **SIGMOD Record** Volume 29 Issue 2**14** [XQuery at your web service](#) [Nicola Onose, Jerome Simeon](#)May 2004 **WWW '04**: Proceedings of the 13th international conference on World Wide Web**Publisher:** ACMFull text available:  Pdf (115.20 KB)Additional Information: [full citation](#), [abstract](#), [references](#), :**Bibliometrics:** Downloads (6 Weeks): 14, Downloads (12 Months): 72, Downloads (Overall): 767

XML messaging is at the heart of Web services, providing the flexibility required for their development, composition, and maintenance. Yet, current approaches to Web services development are often hindered behind Java or C# APIs, preventing the ...

Keywords: XML, XQuery, interface, modules, web services, wsd**15** [An integrated term-based corpus query system](#)[Irena Spasic, Goran Nenadic, Kostas Manios, Sophia Ananiadou](#)April 2003 **EACL '03: Proceedings of the tenth conference on European chapter of the Association for Computational Linguistics - Volume 1**, Volume 1**Publisher:** Association for Computational LinguisticsFull text available:  [Publisher Site](#) ,  Pdf (8.52 MB) Additional Information: [full citation](#), [abstract](#), [references](#), :**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 12, Downloads (Overall): 77

In this paper we describe the X-TRACT workbench, which enables efficient term-based queries over a domain specific literature corpus. Its main aim is to aid domain specialists in locating and extracting relevant scientific literature corpora. ...


16 [Proceedings of the 2003 ACM SIGMOD international conference on Management of data](#)

 [Yannis Papakonstantinou, Alon Halevy, Zachary Ives](#)
 June 2003 **SIGMOD '03**: Proceedings of the 2003 ACM SIGMOD international conference
Publisher: ACM
 Additional Information: [full citation](#), [abstract](#), [index terms](#)


Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall):

The 2003 ACM SIGMOD International Conference on Management of Data, was held in San Diego, California. This year, SIGMOD was part of the Federated Computing Research Conference which included a total of 16 conferences and ...

17 [A course-assistant based on a curriculum structure and XML resources](#)

 [Sylvain Boivin, Gilles Imbeau](#)
 March 2001 **SIGCUE Outlook**, Volume 27 Issue 2

Publisher: ACM

Full text available:  Pdf (1.13 MB)


Additional Information: [full citation](#), [abstract](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 1, Downloads (12 Months): 7, Downloads (Overall): 63,

We propose a curriculum that provides a XML representation for a specific domain of knowledge so that a teacher can closely follow the learning process of each student. Our curriculum is composed of the following elements: topics, units and ...

Keywords: XML, curriculum, pedagogical environment, real experiment

18 [DBGlobe: a service-oriented P2P system for global computing](#)

 [Evaggelia Pitoura, Serge Abiteboul, Dieter Pfoser, George Samaras, Michalis Vazirgiannis](#)
 September 2003 **SIGMOD Record**, Volume 32 Issue 3

Publisher: ACM

Full text available:  Pdf (282.99 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 7, Downloads (12 Months): 36, Downloads (Overall): 70

The challenge of peer-to-peer computing goes beyond simple file sharing. In the DBGlobe system, a multitude of peers carrying data and services as a superdatabase. Our goal is to develop a system for modeling, indexing and ...

Keywords: global computing, metadata, peer-to-peer computing, peer-to-peer data services, ubiquitous computing

19 [A transducer-based XML query processor](#)

[Bertram Ludäscher, Pratik Mukhopadhyay, Yannis Papakonstantinou](#)

August 2002 **VLDB '02**: Proceedings of the 28th international conference on Very Large Databases

Publisher: VLDB Endowment


Full text available:  Pdf (447.22 KB)

Additional Information: [full citation](#), [abstract](#), [references](#), [index terms](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 25, Downloads (Overall): 70

The XML Stream Machine (XSM) system is a novel XQuery processing paradigm that supports the processing of sequentially accessed XML data (streams). The system compiles a given XQuery into an XML stream transducer, i.e., ...

20 [Pathways database system: an integrated set of tools for biological pathways](#)

 [L. Krishnamurthy, J. Nadeau, G. Ozsoyoglu, M. Ozsoyoglu, G. Schaeffer, M. Tasan, W. X](#)
 March 2003 **SAC '03**: Proceedings of the 2003 ACM symposium on Applied computing

Publisher: ACM 

Full text available:  Pdf (930.45 KB)

Additional Information: [full citation](#), [abstract](#), [references](#)

Bibliometrics: Downloads (6 Weeks): 2, Downloads (12 Months): 19, Downloads (Overall): 56

During the next phase of the Human Genome Project, research will focus on function. functions to genes, their regulatory elements, and other DNA sequences. To facilitate information in such studies, a new modeling ...

Keywords: biological pathways, database, querying, visualization, web services

Re:

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